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Feb 15 2007 8:10 P.02

PTO/SB/21 (08-04)

Approved for use through 07/31/2008, OMB 0651-0031
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

	Application Number	10/719,443
	Filing Date	11/21/2003
	First Named Inventor	S. Subramoney et al.
	Art Unit	2166
	Examiner Name	S. Channavajjala
16/15	Attorney Docket Number	P17257

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Fax Transmittal
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Intel Corporation		
Signature	/Guojun Zhou/Reg. No. 56,478/		
Printed name	Guojun Zhou		
Date	February 15, 2007	Reg. No.	56,478

CERTIFICATE OF TRANSMISSION/MAILING

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Signature			
Typed or printed name	Derek S. Watson	Date	02/15/2007

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Feb 15 2007 8:09 P.01

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Date: February 15, 2007

<u>To:</u> Mail Stop ISSUE FEE	<u>Fax:</u> (571) 273-2885	<u>Art Unit:</u> 2166
<u>From:</u> Guojun Zhou Intel Corporation	<u>Fax:</u> (503) 264-1729	<u>Mailstop:</u> JF3-147
<u>Subject:</u> 10/719,443	<u>Docket Number:</u> P17257	<u>Filing Date:</u> November 21, 2003
		<u>Inventor:</u> Subramoney et al.

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Derek S. Watson Date: February 15, 2007

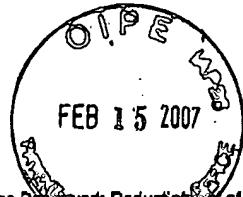
Message:

Included in this Transmission:

- Facsimile Cover Sheet (1 page)
- Transmittal Form (1 page)
- Fee Transmittal (1 page submitted in duplicate)
- Amendment under Rule 1.312 (11 pages)

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PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006, OMB 0651-0032

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This collection of information is valid until 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known	
Application Number	10/719,443
Filing Date	11/21/2003
First Named Inventor	S. Subramoney et al.
Examiner Name	S. Channavajala
Art Unit	2166
Attorney Docket No.	P17257

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 50-0221 Deposit Account Name: Intel Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Small Entity

Fee (\$)

Fee (\$)

50 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

Total Claims Extra Claims Fee (\$) Fee Paid (\$)

- 20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)

- 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
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- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____	Fee (\$)	Fee Paid (\$)
-------------------------------------------------------------------------	----------	---------------

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

Fee Paid (\$)

SUBMITTED BY

Signature	/Guojun Zhou/Reg. No. 56,478/	Registration No. (Attorney/Agent) 56,478	Telephone 503-284-1700
Name (Print/Type)	Guojun Zhou		Date February 15, 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 50 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of : Sreenivas Subramoney, et al.
Filed : November 21, 2003
Application No. : 10/719,443
TC/A.U. : 2166
Examiner : Srirama T Channavajjala

Docket No. : 42P17267
For : Method and System for Performing Concurrent
Mark-Sweep Garbage Collection by Invoking Garbage
Collection Thread to Track and Mark Live Objects in Heap
Block using Bit Vectors

Customer No. : 08791

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER RULE 1.312

Dear Sir:

In response to the Notice of Allowance of November 15, 2006, please refer to the following remarks regarding the above-identified application.

Amendments to the title: begin on page 2

Amendments to the specification: NONE

Amendments to the claims: begin on page 3

Amendments to the drawings: NONE

Remarks/Arguments: begin on page 11

Amendments to the Title

Please replace the title with the following amended title:

**Method and System Performing Concurrently For Performing Concurrent
Mark-Sweep Garbage Collection Invoking by Invoking Garbage Collection
Thread to Track and Mark Live objects in Heap Block using Bit Vectors Bit
Vectors**